

Amendment to the Claims

This Listing of Claims replaces all previous claim sets and Listing of Claims.

Listing of Claims

1-50 (canceled).

51. (New) A method for enhancing the efficacy of cross species nuclear transfer involving a mammalian differentiated donor cell and a recipient animal oocyte from another species with respect to the donor cell comprising the step of incorporating mitochondria or mitochondrial DNA derived from cell or cells of said donor cell's species into said oocyte.

52. (New) The method according to claim 51, wherein said mitochondria or mitochondrial DNA is derived from the cells of the donor.

53. (New) The method according to claim 51, wherein said donor cell is a human donor cell.